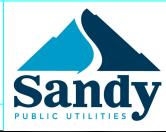


<b>Horizontal Bend</b>		Soft Clay	Silt	Sandy Silt	Sandy	Sandy Clay	Vertical Bend		
ID (in)	OD (in)	Ab (SF)	Ab (SF)	Ab (SF)	Ab (SF)	Ab (SF)	ID (in)	OD (in)	Vol (CY)
3	3.96	5.23	3.48	1.74	1.31	0.87	3	3.96	0.83
4	4.80	7.68	5.12	2.56	1.92	1.28	4	4.80	1.22
6	6.90	15.86	10.58	5.29	3.97	2.64	6	6.90	2.52
8	9.05	27.29	18.19	9.10	6.82	4.55	8	9.05	4.33
10	11.10	41.06	27.37	13.69	10.26	6.84	10	11.10	6.52
12	13.20	58.06	38.71	19.35	14.51	9.68	12	13.20	9.22
14	15.30	78.00	52.00	26.00	19.50	13.00	14	15.30	12.38
16	17.40	100.88	67.26	33.63	25.22	16.81	16	17.40	16.01
10	27.10	100.00	07.20	33.03	20.22	10.01		17.10	10.01

## NOTES:

- 1. BEARING SURFACE (Ab) SHOULD, WHERE POSSIBLE, BE PLACED AGAINST UNDISTURBED SOIL. WHERE NOT POSSIBLE, FILL BETWEEN THE BEARING SURFACE AND UNDISTURBED SOIL SHOULD BE COMPACTED TO 90% STD. PROCTOR DENSITY, MIN.
- 2. BLOCK WIDTH SHOULD BE BETWEEN ONE AND TWO TIMES THE BLOCK HEIGHT.
- 3. CONCRETE TO HAVE UNIT WT. OF 165 PCF AND TO COMPLY WITH SANDY STANDARDS AND SPECIFICATIONS
- 4. WATER LINE SHALL NOT BE LOOPED <u>ABOVE</u> CONFLICTING UTILITY WITHOUT PRIOR APPROVAL FROM PUBLIC UTILITIES AND CITY ENGINEER
- 5. ALL BOLTS, NUTS, AND T-BOLTS SHALL BE LUBICTAED WITH FML GREASE.

1	cc	CREATED	8/2011
2	cc	UPDATE	4/2013
NO.	AUTHORIZED BY	REVISIONS	DATE



STANDARD DETAIL

FIGURE 07B

WATER MAIN LOOP DETAIL

SCALE: NONE